

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/674,857

DATE: 05/29/2001
TIME: 12:56:09

Input Set : A:\620-117.app
Output Set: C:\CRF3\05292001\I674857.raw

3 <110> APPLICANT: Armour, Kathryn L
4 Clark, Michael R
5 Williamson, Lorna M
7 <120> TITLE OF INVENTION: Binding Molecules Derived From Immunoglobulins
8 Which Do Not Trigger Complement Mediated Lysis
10 <130> FILE REFERENCE: 620-117
12 <140> CURRENT APPLICATION NUMBER: US 09/674,857
13 <141> CURRENT FILING DATE: 2000-11-07
15 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01441
16 <151> PRIOR FILING DATE: 1999-05-07
18 <150> PRIOR APPLICATION NUMBER: GB 9809951.8
19 <151> PRIOR FILING DATE: 1998-05-08
21 <160> NUMBER OF SEQ ID NOS: 27
23 <170> SOFTWARE: PatentIn Ver. 2.1
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 109
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutated
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38 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
39 20 25 30
41 Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
42 35 40 45
44 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
45 50 55 60
47 Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
48 65 70 75 80
50 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly
51 85 90 95
53 Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys
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64 <223> OTHER INFORMATION: Description of Artificial Sequence: Mutated
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68 Ala Pro Pro Val Ala Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
69 1 5 10 15
71 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val

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72 20 25 30
 74 Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val
 75 35 40 45
 77 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
 78 50 55 60
 80 Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Val His Gln
 81 65 70 75 80
 83 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly
 84 85 90 95
 86 Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Thr Lys
 87 100 105
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 102 1 5 10 15
 104 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 105 20 25 30
 107 Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 108 35 40 45
 110 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 111 50 55 60
 113 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 114 65 70 75 80
 116 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
 117 85 90 95
 119 Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys
 120 100 105 110
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 133 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
 134 20 25 30
 136 Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
 137 35 40 45
 139 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
 140 50 55 60
 142 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
 143 65 70 75 80
 145 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys

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148 Ala Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
149 100 105 110
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160 1 5 10 15
162 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
163 20 25 30
165 Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val
166 35 40 45
168 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
169 50 55 60
171 Phe Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Val His Gln
172 65 70 75 80
174 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly
175 85 90 95
177 Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Thr Lys
178 100 105
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187 <400> SEQUENCE: 6
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189 1 5 10 15
191 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
192 20 25 30
194 Val Val Asp Val Ser His Glu Asp Pro Glu Val Gln Phe Lys Trp Tyr
195 35 40 45
197 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
198 50 55 60
200 Gln Tyr Asn Ser Thr Phe Arg Val Val Ser Val Leu Thr Val Leu His
201 65 70 75 80
203 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
204 85 90 95
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207 100 105 110
211 <210> SEQ ID NO: 7
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216 <400> SEQUENCE: 7
217 Ala Pro Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys
218 1 5 10 15
220 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val

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221 20 25 30
223 Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr
224 35 40 45
226 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
227 50 55 60
229 Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
230 65 70 75 80
232 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
233 85 90 95
235 Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys
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253 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
254 20 25 30
256 Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
257 35 40 45
259 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
260 50 55 60
262 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
263 65 70 75 80
265 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
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268 Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys
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282 <400> SEQUENCE: 9
283 Ala Pro Pro Val Ala Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro
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286 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
287 20 25 30
289 Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val
290 35 40 45
292 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
293 50 55 60

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295 Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
296 65 70 75 80
298 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala
299 85 90 95
301 Leu Pro Ala Pro Ile Glu Lys Thr Ile Ser Lys Ala Lys
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319 Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val
320 20 25 30
322 Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr
323 35 40 45
325 Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu
326 50 55 60
328 Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His
329 65 70 75 80
331 Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys
332 85 90 95
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352 Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val
353 20 25 30
355 Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val
356 35 40 45
358 Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln
359 50 55 60
361 Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln
362 65 70 75 80
364 Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly
365 85 90 95
367 Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys

VERIFICATION SUMMARY

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